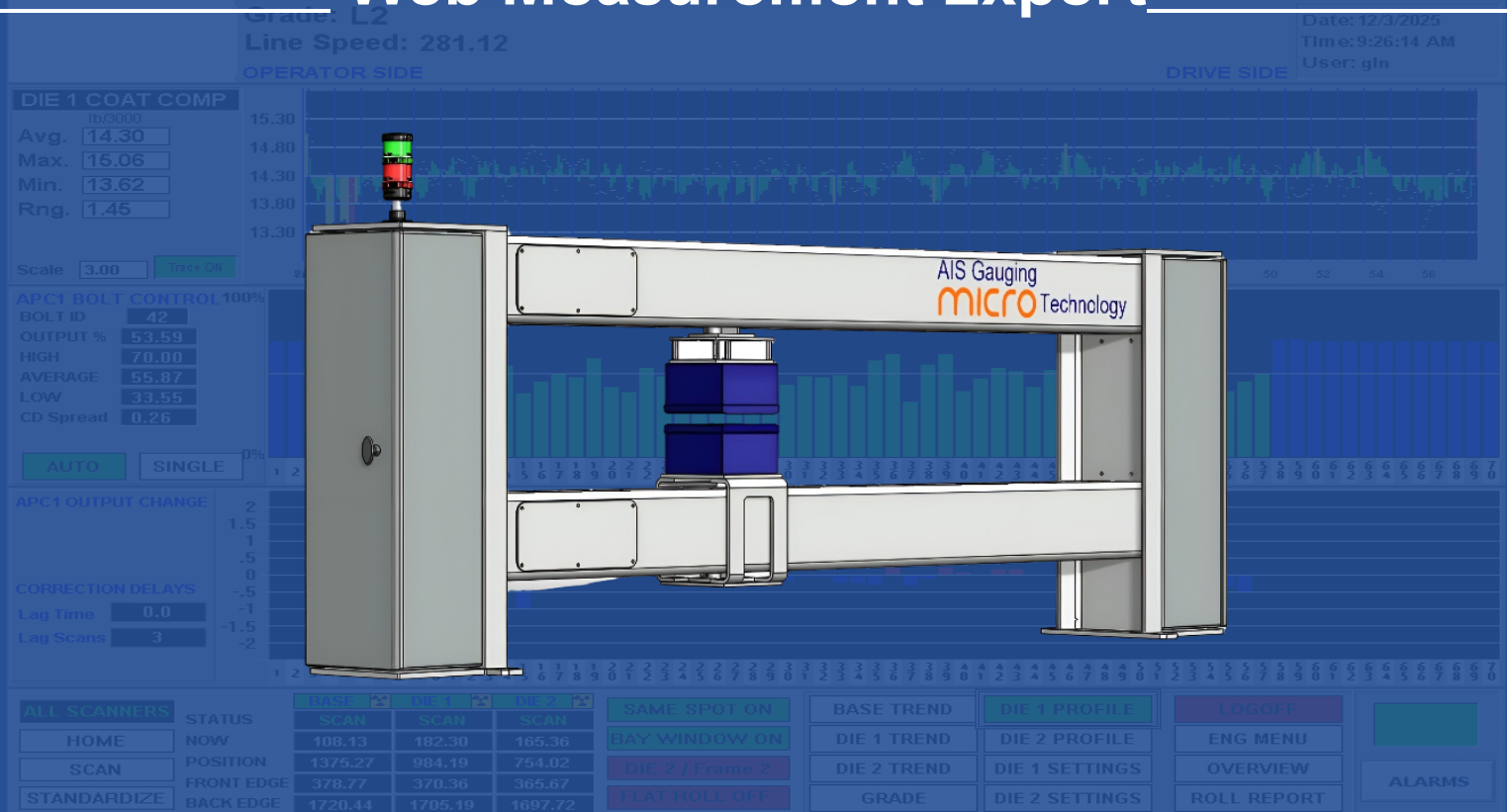




# Web Measurement Expert



# AIS GAUGING

A Division Of Industrial Maintenance Engineering

A Global Leader In  
In-Line Web Measurement &  
Process Control Solutions



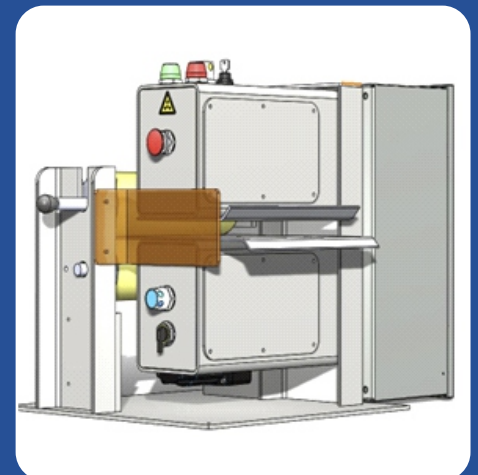
AIS GAUGING was originally founded under the name Industrial Maintenance Engineering in 1997, as one of the original American founder, manufacturer and patent holders of web measurement solutions.

Through technical expertise comes from deep practical experience and invaluable knowledge, continued investment in development, strategic, AIS GAUGING is now one of the premier provider in-line non-contact Web Measurement and auto process control globally for most flat material production applications in many industries

- Privately Owned and Operated for 30 Years
- Acquired Gauging company INDEV-ACT in 2019
- Total 1000 + installation worldwide
- Established fully-owned subsidiaries in Pune, India in 2025

#### APPLICATION INCLUDE

- Extrusion
- Coating & Laminations
- Pvc & Rubber Calendaring
- Non-woven & Textile
- Paper
- Metal
- Energy



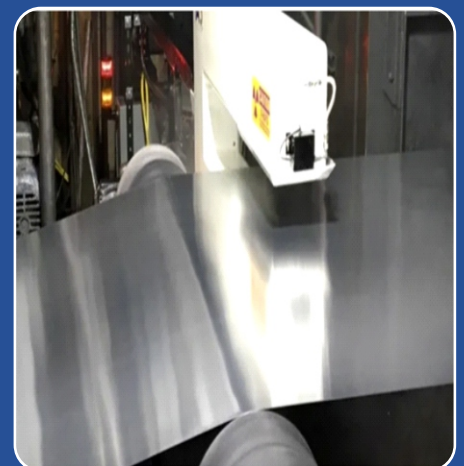
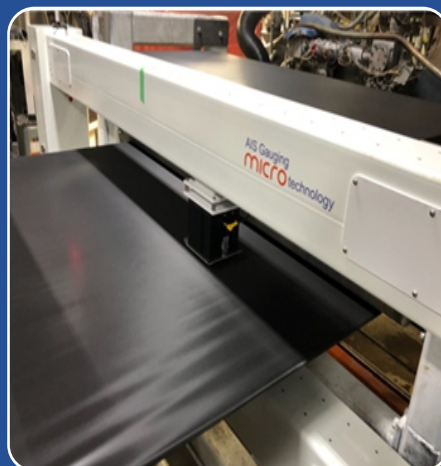
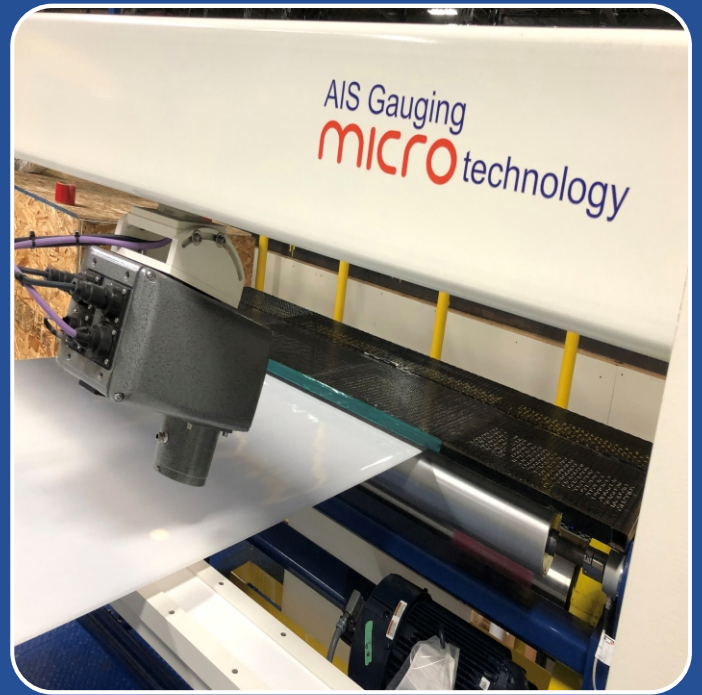
# AIS GAUGING Offers

AIS Gauging offers a multitude of system combinations through an assortment of frame sizes, each supporting single

or multiple sensor configurations, along with software that integrates into any applications.

Our dedicated service support team provides the most comprehensive customer support including installation & commissioning, maintenance service support capabilities for all the systems we deliver. This includes a 24-7-365 remote support guarantee which is offered at no charge for the life of our system. In addition, we offer free software upgrades forever.

AIS GAUGING still offers complete upgrade and rebuild capabilities for other brands of system as well. We even offer full service and support packages where we take complete responsibility for the maintenance and upkeep of your existing gauging system.



# Sensor Technologies

AIS GAUGING provides a complete suite of sensors with technologies to meet every measurement requirement.

Both non-contact Nuclear and Non-Nuclear sensor options are offered.

AIS technical personnel will work together to select the best sensor or multiple sensors for any application. This ensures the quality and accuracy of the measurement of end product of the process.

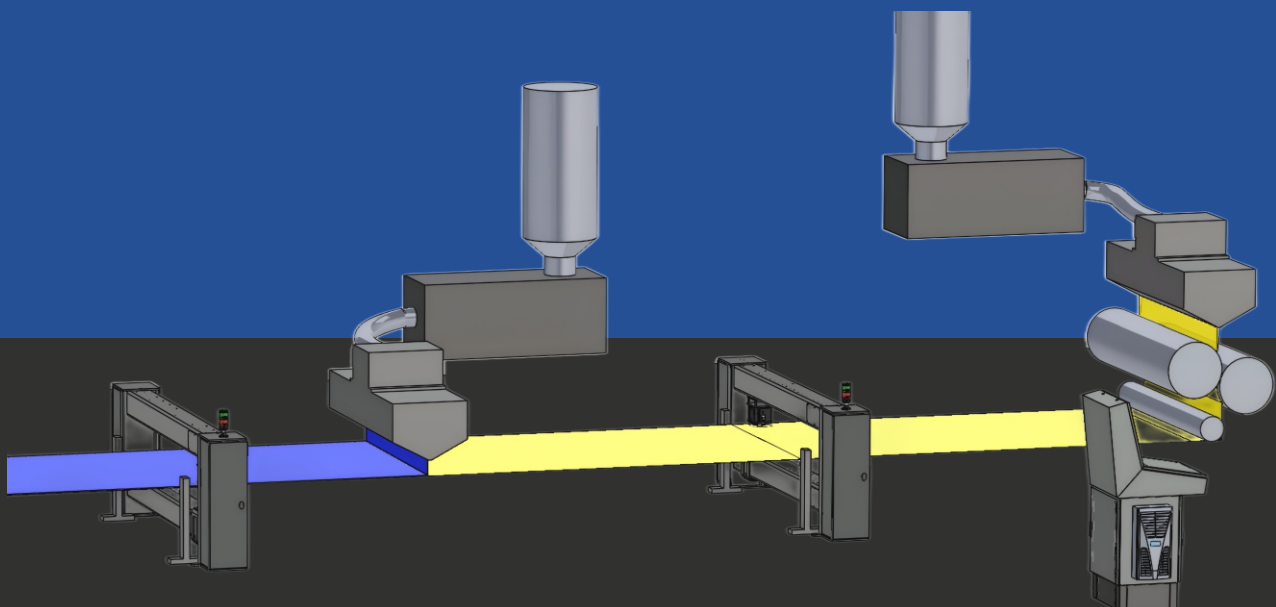


## Nuclear Sensors

- Beta
- X-ray
- Gamma
- Gemini X-array

## Non-Nuclear Sensors

- Laser Triangulation
- Laser Shadow
- Infrared
- Ultrasonics
- Capacitance
- Terahertz
- Microwave
- Interferometer



# Frame Technologies

AIS GAUGING produces several sizes, styles, and types of industrial scanner frames. Each are designed for continuous operation in the most difficult manufacturing environments. They are offered in multiple standard configurations in addition to custom designs that will meet any application and installation space requirement.

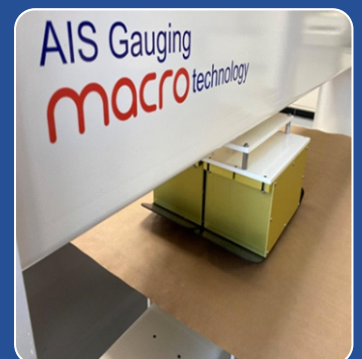
AIS frames are built with the highest quality components to ensure long-term functionality, stability, and durability.

## Frame Features

- Flexible control locations
- Design to fit in tight places
- Mounting any direction
- High temperature applications
- Class 1 Div. 1 options
- Air Purged options
- Fix frame , with stationary sensor
- Extra harsh environment options

## Frame Types

- Macro-Frames
- Nano-Frames
- Mono beams Frames
- Micro-Frames
- Macro -C -Frames
- Gemini Frame



# Control Technologies

Each product manufacturing process is a complex process to produce a wide range of products across multiple industries. Understanding of all these process is absolutely necessary to deliver the proper measurement and control.

Since 1997, AIS GAUGING has been directly involved in the measurement, development, and implementation of complex process control systems.

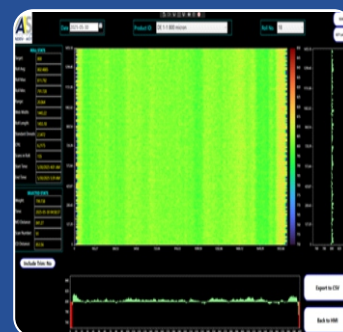
AIS Gauging provides one of the fastest and most stable complete specific close loop auto profile control techniques for fast and precise control for the based on applications to improve the performance of a process. Whether it is automatic die control in plastics, cascade control in plastics & paper, coating control or complex galvanizing controls in metals, AIS systems have the capability to get the most out of your process lines

## CD Control

- Die Control
  - Thermal Power mode
  - Thermal Temperature mode
  - Motors /Actuators PRODIGI DIE
  - Cascade control
- Gap control
- Roll bend & Cross axis

## MD Control

- Line Speed
- Screw Speed
- Extruder Speed
- Melt Pump
- Headbox control
- Stock Valve control
- Steam Value Control



## Architecture & Features

Simplicity and ease of use are key to AIS GAUGING system software packages.

AIS utilizes the industry standard Wonderware graphical interface package. Wonderware is a highly scalable, complete SCADA system that is ideal for measurement systems. Combined with an Opto22 or any PLC control system. Wonderware provides continuous measurement with realtime feedback response and highly detailed data capture for companies needing more advanced control functions.

From simple to complex, AIS GAUGING control provides the perfect balance between optimized process control and HMI user friendliness.

### Features /Advantages

- Open architecture software design
- Easy to use industry standard and integratable
- No "black box" proprietary software to manage
- Real-time process data displayed
- User configurable screen & reporting SCADA
- Quicker profile optimization
- Quality reporting software
- Archiving and analysis capability
- Window base operating system
- TCP-IP Communication Protocol

## Future for AIS Gauging

Through continued investment in technology, manufacturing capabilities, and software development, AIS GAUGING is committed to ongoing improvement of our gauging offerings. In addition, our industry leading service and support will always remain a top priority. AIS GAUGING is committed to our customers, vendors, representatives, and employees to act with integrity while doing whatever is required to enhance our position at the worldwide leader in gauging systems.

### Key Features

- Real-time Utilization and Graphics for process insights
- Real-data and fast auto process control
- Non-proprietary off-the-shelf components
- No forced obsolescence
- Complete solution for each different application
- Easy integration & IO exchanges
- Customized Approach to Every System
- 24/7 online Support
- Upgrades to Competitor systems
- Complete solution of service support

## Web Measurement Expert



### Headquarters



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